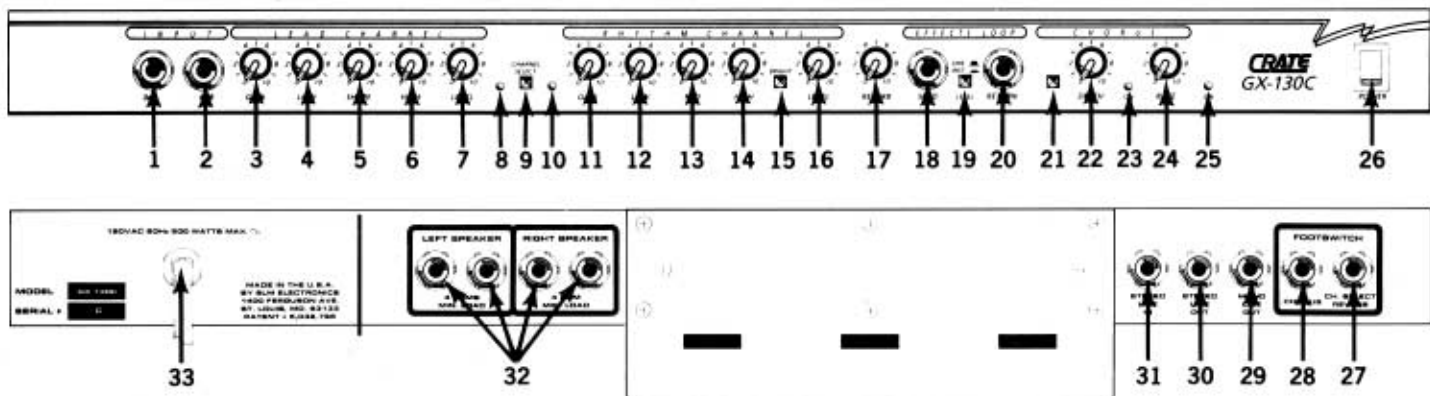


CRATE

GX-130C
STEREO CHORUS AMPLIFIER





GX-130C STEREO CHORUS AMPLIFIER

FRONT PANEL-INPUT SECTION

- 0dB Input** jack accepts a standard 1/4" phone plug and is suitable for any low to line level signal source.
- 6dB Input** jack is a padded 6dB for accepting hotter inputs. If both jacks are used, this jack is not padded and will be equal to the 0dB input.

LEAD CHANNEL CONTROLS

The Lead Channel is a high gain channel designed to be used for medium to heavy distortion sounds.

- Gain** is used to set the level of distortion.
- Low** adjusts the amount of low frequency tone.
- Shape** adjusts the general tone. Counterclockwise emphasizes mid-range frequencies and clockwise emphasizes low and high frequencies.
- High** adjusts the amount of high frequency tone or "presence".
- Level** controls the overall volume and should be used in conjunction with the Gain control (3).

CHANNEL SWITCHING CONTROLS

- Lead Channel Indicator LED** will be lit when the amplifier is in Lead Channel mode.
- Channel Select** switch is used to select either Lead or Rhythm Channel. This switch is defeated if an external footswitch is used.
- Rhythm Channel Indicator LED** will be lit when the amplifier is in Rhythm Channel mode.

RHYTHM CHANNEL CONTROLS

The Rhythm Channel is a low gain channel and is designed to be used for clean to medium distortion sounds.

- Gain** sets the overall gain of the Rhythm Channel. Use lower settings for clean sounds and higher settings for distortion sounds.
- Low** adjusts the amount of low frequency tone.
- Mid** adjusts the amount of mid-range frequency tone.
- High** adjusts the amount of high frequency tone.
- Bright** switch gives this channel a brighter tone.
- Level** controls the overall volume and should be used in conjunction with the Gain control (11).

COMMON CONTROLS

The following features are common to both channels.

- Reverb** controls the amount of reverb.
- Effects Loop Send** 1/4" jack is used to connect to the input of an external effects device.
- Effects Loop Level** switch changes the signal level of the effects loop to be acceptable to different external effects devices. When the effects loop is being used, this switch should be set to the position of the lowest noise and distortion.
- Effects Loop Return** 1/4" jack is used to connect to the output of an external effects device.

CHORUS SECTION

- Chorus** switch turns on the stereo chorus effect.
- Depth** sets the amount of chorus effect.
- Chorus Indicator LED** will be lit when the chorus effect is on. The indicator will also pulsate to show the rate of chorusing. (In order to reduce noise the chorus is designed to sweep only when signal is present).

- Rate** sets the rate of sweep of the chorus and may be used in conjunction with the depth control to create effects from smooth phasing to heavy vibrato.
- Power Indicator LED** will be lit when the unit is turned on.
- Power** switch turns AC power on or off.

REAR PANEL

- Channel Select/Reverb Footswitch** jack is to be used with the channel select/reverb footswitch.
- Chorus Footswitch** jack is to be used with the chorus footswitch.
- Mono Line Output** provides a mono mix output which may be used to connect the amp to a tape recorder, mixing board, additional power amplifier, or the mono input of an external effects device.
- Stereo Line Output** 1/4" jack provides stereo line outputs.
- Stereo Line Input** 1/4" jack provides direct access to the power amps and may be used in conjunction with the line output jacks as a stereo effects loop.
- Speaker Output** jacks: The left and right power amps each have two output jacks (wired in parallel) to be used for speaker connection. The total impedance for each side should not be less than 4 ohms.
- Power Cord:** Your GX-130C is equipped with a heavy-duty grounded three-wire power cord. Be sure this cord is properly plugged into a safely wired grounded 120 volt, 60Hz power outlet before use. (If your GX-130C was purchased outside of the United States, refer to the rear panel for power ratings). For your safety, never attempt to defeat the ground connection on this cord.

We would like to take this opportunity to thank you for selecting a Crate product, and to tell you of our commitment to the design and manufacture of only the finest sound amplification equipment; built for you, the musician.

You have purchased one of the most innovative guitar amps available today. Your Crate preamp gives you more performance features than ever before; features that you, the musician, have asked for.

Your Crate guitar amp is an American product, manufactured at our factory in St. Louis, Missouri. Only the finest available components and materials are used in the manufacture of each amplifier.

All Crate products are subjected to seven or more inspection and testing steps to assure you of a high quality product. The final test for each amp is conducted by a trained musician; any unit that does not meet the standards of our musician's discriminating ear will not be passed.

Since all Crate products are designed, developed, and manufactured through the cooperative efforts of engineers and professional musicians, the end result is a product that responds to the musician's audio requirements, and a product that will serve your needs for years to come.

GX-130C TECHNICAL SPECIFICATIONS

Output Power Rating	65 watts RMS @ 5% THD 8 ohm load 120VAC 95 watts RMS @ 5% THD 4 ohm load 120VAC
Speaker Size and Rating	Crate Custom Design 12" with 1-3/4" voice coil Power Handling: 65 Watts RMS GX-130CH - No speaker, head only
Maximum Input Signal Level Accepted	8 volts, p-p/" – 6dB" input
Total System Gain	Lead Channel: 108dB @ 1kHz Rhythm Channel: 82dB @ 1kHz
Signal to Noise Ratio	Lead Channel: 48dB Rhythm Channel: 52dB
Low Control	10dB Boost @ 80Hz
Shape Control	24dB Range @ 1kHz
High Control	13dB Range @ 5kHz
Low Control	24dB Range @ 100kHz
Mid Control	14dB Range @ 800kHz
High Control	30dB Range @ 10kHz
Bright Switch	8dB Boost @ 10kHz
Input Power Requirements	120VAC, 60Hz, 500 watts max
Cabinet Size and Weight	GX-130C: 18.25" H x 26.75" W x 11.25" D 58 lbs. GX-130CH: 11.625" H x 30.75" W x 11" D 35 lbs.

Specifications subject to change without notice

CAUTION: To reduce the risk of electric shock, do not open chassis. No user serviceable parts inside. Refer servicing to qualified service personnel.

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